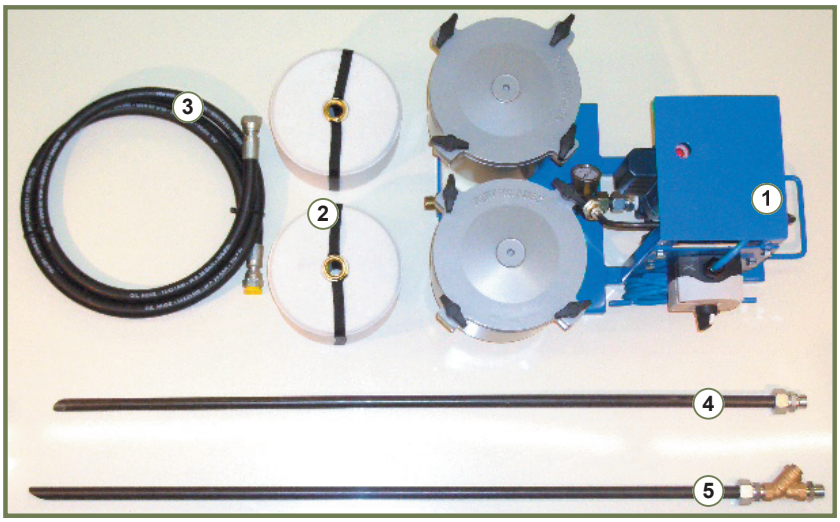
User Guide
Mini Final Polishing Unit (FPM)

Kit Includes:

1. Mini Final Polishing Unit (FPM)
2. Two Pot Polishing Elements (FPE-002)
3. Two 3m hoses
4. Outlet wand
5. Inlet wand with suction strainer



Assembly:

1. Connect one hose to the inlet port of the FPM using a 1" (27mm) wrench (figure 1).
2. Connect the second hose to the outlet port of the FPM using a 1" (27mm) wrench (figure 2).
3. Connect the inlet wand to the other end of the inlet hose (figure 3).

** NOTE: Inlet wand has the brass Y strainer attatchment on the end.*

4. Connect the outlet wand to the other end of the outlet hose.
5. Check the elements are installed in the filter pots with the brass ring facing upwards (figure 4). Ensure the wingnuts are hand tight.

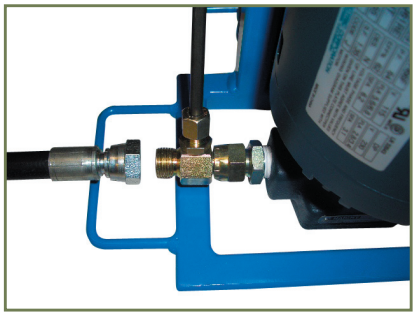


Figure 1

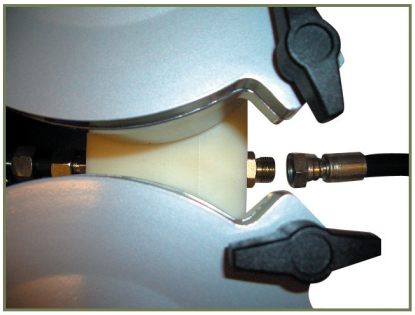


Figure 2

Figure 3

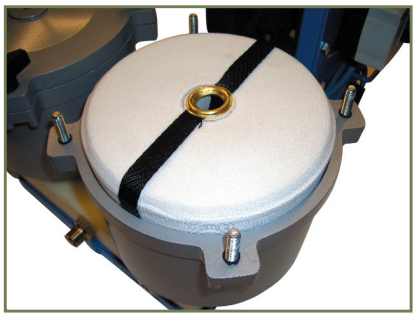


Figure 4

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Operation

1. Prime the pump by pouring liquid down the inlet hose to flood the pump chamber. This only needs to be done once.
2. Check to ensure the switch is in the stop position
3. Plug FPM unit into main electrical supply
4. Move switch to start position to begin pumping.
5. Pressure gauge should read between 15-30 psi (1-2 bar) with clean elements. (figure 7)

Figure 5

Filter Change

1. When the filters are blocked the unit will go into bypass mode. This happens at approximately 65 psi (4.5 bar). At this time fluid is circulating around the pump. (figure 5)
2. Ensure the unit is switched off and disconnected from the main supply
3. Remove the inlet and outlet wands from your storage vessels to prevent any fluid syphoning from occuring.
4. Remove the wing nuts and lids from the filter pots.
5. Pull out the old elements using the black straps. The elements may have expanded in the pot so may be a tight fit, this is normal. Dispose of used elements responsibly. (figure 6)
6. Fit new elements ensuring the brass ring faces upwards. Replace the lids and ensure the wing nuts are hand tight.
7. Re-connect the unit to its power source, turn on and resume filtering, the pressure gauge should read between 15-30 psi (1-2 bar) with clean elements. (figure 7)

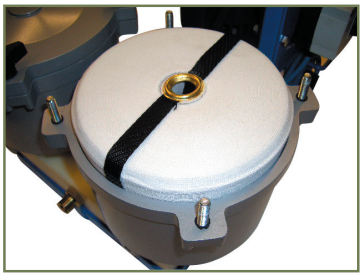
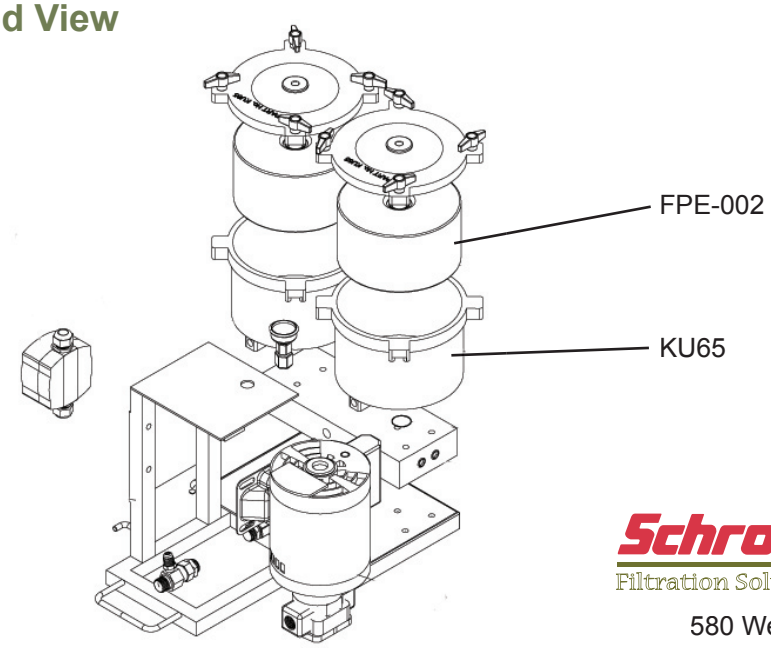


Figure 6

Figure 7

Figure 8

FPM Exploded View



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